

LENSKY, V.

Inventions and technical standardization.

p. 649 (Strojirenstvi. Vol. 7, no. 9, Sept. 1957. Praha, Czechoslovakia)

Monthly Index of East European Accessions (EMAJ) IC. Vol. 7, no. 2,
February 1958

LENSKY, V.

Legal protection of inventors and rationalizers.

p. 275 (Elektrotechnik) Vol.12, no. 9, Sept. 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, Jan. 1958

LENSKY, V.

"What to do with your invention?"

p. 282 (Nova Technika, No. 6, 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 9, September 1958.

LENSKY, Vladimir, dr.

Termacid, an acid-proof gas silicate for thermal insulation.
Tech praca 14 no.6:458 Je '62.

1. Urad pro patenty a vynalezy, Praha.

LENSKY, Vladimir, dr.

Detector of gas and vapor leakage. Tech praca 15 no.1:49 J '63.

1. Urad pro patenty a vynalezy.

LENSKIY, Yevgeniy Grigor'yevich; ZASLAVSKIY, Naum Moiseyevich;
STEPANCHUK, Petr Alekseyevich; SLIN'KO, B., red.;
ZELENKOVA, Ye., tekhn. red.

[Mixed brigade operating on a business accounting basis] Kom-
pleksnaia khozraschetnaia brigada. Kiev, Gos. izd-vo lit-ry
po stroit. i arkhit. USSR, 1960. 32 p. (MIRA 15:3)
(Kiev--Construction industry--Finance)

LEMSKIY, Yu.V.

Short-wave ultraviolet ray irradiator. Nov. med. tekhn.
no.2:112-117 '64. (MIRA 18:11)

LENDOVSKY, Lubor; BARDODEJ, Zdenek

Fujiwara reaction. Pracovní lek. 6 no.5:301-305 15 Oct 54.

1. Ustav higieny prace a chorob z povolani, Praha (for Lendoovsky)
2. Katedra higieny prace higienicky fakulty KU, Praha (for Bardodej)

(CHLOROFORM, determination
Fujiwara reaction, indust. use)

LENSU, L.V.; ANIKIYEV, V.V., dotsent, nauchnyy rukovoditel'

Effect of nitrogen-containing substances on pollen germination.
Uch. zap. Ped. inst. Gerts. 239:139-142 '64.

(MIRA 18:3)

L 43022-66 EWP(v)/T/EWP(k)/EWP(h)/EWP(l) IJP(c) BC
 ACC NR: AP6031812 SOURCE CODE: HU/0012/65/013/007/0220/0225
 AUTHOR: Szolodovnyikov, V. V.--Solodovnikov, V. V.; Lenszkij, V. L.--Lenskiy, V. L.
 ORG: none
 TITLE: Synthesis of minimally complicated control systems This paper was presented at the 4th National Conference on Automation held in Budapest on 3 May 1965
 SOURCE: Meres es automatika, v. 13, no. 7, 1965, 220-225
 TOPIC TAGS: automation, game theory, automatic control system
 ABSTRACT: This article is the Hungarian translation of the authors' lecture delivered in Russian at the 6 May 1965 meeting of the Fourth National Conference on Automation in Budapest. FISCHER, Pal, staff scientist at the Research Institute for Automation at the Hungarian Academy of Sciences (Magyar Tudomanyos Akademia Automatizalasi Kutato Intezet) translated the text and wrote the appendix (pp 224-5). The following subjects were discussed: the principle of minimal complication and the game theory; the principle of minimal complication and the accuracy of the variation problem in control theory; applications of the minimal complication theory in various control systems, effect of complication minimization on the structure of control systems. The appendix discusses some of the basic theories utilized in the text of the lecture. Orig. art. has: 1 figure and 29 formulas. [JPRS: 32,496]
 SUB CODE: 13, 12 / SUBM DATE: none / SOV REF: 008
 Card 1/1 MLP UDC: 621.50
 8919 0560

NIKOLAYEV, S.; LENTINA, M., red.

[Vladivostok; a guidebook] Vladivostok; putevoditel'.
[Vladivostok] Dal'izdat, 1965. 125 p. (MIRA 18:11)

BIRYULIN, Gavriil Mikhaylovich; LENTINA, M., red.; BULGAKOV, N.,
kand. geogr. nauk, nauchn. red.

[Life among the waves] Zhizn' sredi voln. Vladivostok
Dal'nevostochnoe knizhnoe izd-vo, 1965. 177 p.
(MIRA 18:12)

LENTEGOVA, V.A.; LISINA, A.I.

Composition of turpentine from Siberian larch. Trudy Khim.-met.
inst. Sib. otd. AN SSSR no. 13:23-26 '59. (MIRA 14:1)
(Terpentine) (Larch)

LENTEI, I.

Hungary/Atomic and Molecular Physics - Physics of the Atom, D-1

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 34253

Author: Lentei, I.

Institution: None

Title: Complex Solution of the Schroedinger Equation and the WKB Method

Original Periodical: Acta phys. Acad. sci. hung., 1955, 5, No 3, 353-356; German

Abstract: In the WKB method, the solution to the Schroedinger equation is sought in the form $f = \exp\left(\frac{i}{\hbar} \int y dx\right)$. An exact solution is obtained for the function $u = \text{Re } y$

of the harmonic linear oscillator and for the ground state of the atom of H. In both cases the solutions are of the form $u = Cg / \sqrt{1 + (C \int g dx + C')^2}$, where the function g is identical with $1/f^2$. It is shown that u has an essential singularity at $\hbar = 0$. The total function y can be expressed in terms of u , namely $y = u - \frac{\hbar}{2i} \cdot \frac{u'}{u}$, and

satisfies the quantum conditions $\oint y dx = 1/2h$.

/ of /

- 1 -

KOSTROMIN, Petr Innokent'yevich; LENTINA, M., red.; POTREBICH, M.,
tekh.n.red.

[Along taiga of the Maritime Territory] Po taezhnomu
Primor'iu. Vladivostok, Primorskoe knizhnoe izd-vo, 1958.
114 p. (MIRA 12:8)
(Maritime Territory--Description and travel)

PONOMAREV, Konstantin Alekseyevich; LENTINA, M., red.; BUTOVA, L.,
tekhn.red.

[Let us find oil and gas in the Maritime Territory] Naidem neft'
i gaz v Primov'e. Vladivostok, Primorskoe knizhnoe izd-vo, 1959.
23 p. (MIRA 14:1)
(Maritime Territory--Petroleum geology)
(Maritime Territory--Gas, Natural--Geology)

NIKOLAYEV, S.N.; LENTINA, M., red.; BUFOVA, L., tekhn.red.

[Guidebook for Vladivostok] Putevoditel' po Vladivostoku.
Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 71 p.

(MIRA 14:4)

(Vladivostok--Guidebooks)

SHINKAREV, Aron Iosifovich, zhurnalist; LENTINA, M., red.; SHAYKOVA, N.,
tekhn. red.

Nakhodka. Vladivostok, Primorskoe knizhnoe izd-vo, 1961, 169 p.
(MIRA 15:3)
(Nakhodka—Fisheries)

KURENTOV, Aleksey Ivanovich, zasl. deyatel' nauki, prof.; LENTINA, M.,
red.; SHAYKOVA, N., tekhn. red.

[In the shelters of Ussurian relicts] V ubezishchakh ussu-
riiskikh relikto. Vladivostok, Primorskoe knizhnoe izd-vo,
1961. 181 p. (MIRA 15:11)
(Sikhote-Alin' Range—Natural history)

BESSMERTNYY, Yevgeniy Dmitriyevich, nagrazhden ordenom Lenina, tremya ordenami Trudovogo Krasnogo Znameni i ordenom "Znak Pocheta"; LENTINA, M., red.; SHAYKOVA, N., tekhn. red.

[The years of my life; notes of an old seaman] Gody zhizni; zapiski starogo moriaka. Vladivostok, Primorskoe knizhnoe izd-vo, 1963. 229 p. (MIRA 16:12)

1. Deystvitel'nyy chlen Geograficheskogo obshchestva SSSR, chlen uchenogo soveta Primorskogo filiala Geograficheskogo obshchestva SSSR (for Bessmertnyy).
(Seafaring life) (Voyages and travels)

PA 197T69

LENTOCHNIK, A. M.

✓ USSR/Metals - Cast Iron, Casting, Methods Aug 51

"Casting of Cast-Iron Water Pipes," A. M. Lentochnik, A. V. Kharlamov, Engineers, Moscow Pipe Casting Plant

"Litey Proiz" No 8, p 2

Describes method of metal conservation by casting water pipes of dimensions equal to lower limit of $\pm 10\%$ specification requirements. This practice saves 160-180 kg of metal for each 900-mm pipe 4 m long and weighing 2,500 kg. Method requires no special conditions for casting procedure. Its main feature is a core of conical instead of cylindrical shape, calculated dimensionally for negative tolerance.

197T69

LENTOUIU, T., ing.

Automatic station for quantitative reception of milk at the
Bucuresti Dairy Produce Factory. Ind alim 14 no.8:314-316
Ag'63.

1. Directul fabricii de produse lactate "Bucuresti".

L 36710-65 EWP(m)/ENG(m)/EWP(b)/T/EWP(t) IJP(c) RWH/JD
S/0080/65/038/001/0087/0092 26

ACCESSION NR: AP5003121

AUTHOR: Prikhodchenko, V. G.; Lentovich, Ye. V.; Kudra, O. K. 23 B 7

TITLE: Electrochemical behavior of calcium impurities on the mercury cathode during electrolysis of chloride solutions

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 1, 1965, 87-92

TOPIC TAGS: alkali metal, chloride, electrolysis, calcium contamination, calcium removal, lithium electrolysis, lithium calcium separation

ABSTRACT: The migration of microamounts of calcium from LiCl solutions to the amalgam during electrolysis with a mercury cathode at 20C was investigated. The amount of Ca precipitated on the mercury cathode in a given period of time increased as current density was increased and as the concentration of Ca in the initial electrolyte increased. On electrolysis of LiCl solutions containing 10^{-4} to 10^{-2} N Ca, the Ca concentration on the cathode was 2 orders higher than in the solution. Thus mercury electrolysis of LiCl can be used for separating Li and

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ACCESSION NR: AP5003121

3

Ca. Analogous tests run with the other alkali metal chlorides showed the migration of Ca in these solutions was much slower. It was also found possible to reduce microamounts of Ca in solution without electrolysis by using Li amalgam; this is due to the exchange of Ca amalgam for Li amalgam. Orig. art. has: 7 figures and 1 table ✓1

ASSOCIATION: Kiyevskiy politekhnicheskii institut (Kiev Polytechnical Institute)

SUBMITTED: 04Feb63

ENCL: 00

SUB CODE: GC

NR REF SOV: 007

OTHER: 003

Card 2/2

MUSAYEV, I.A.; ISKHAKOVA, E.Kh.; RUMYANTSLEV, A.N.; KISLETSKIY, A.N.; SANIN, P.I.;
Prinimali uchastiye: Buturlova, T.N., starshiy laborant; LENTOVSKAYA,
M.S., starshiy laborant; ARTAMONOVA, R.A., starshiy laborant

Investigating olefins in gasolines from the high-speed cracking
of paraffin petroleum products. Neftekhimiya 4 no.4:567-571 J1-Ag '64
(MIRA 17:10)

1. Institut neftekhimicheskogo sinteza im. A.V. Topchiyeva AN SSSR.

LENTOVSKAYA, V.A.

ZAKHAR'YEVSKAYA, I.D.; ~~LENTOVSKAYA, V.A.~~; ZAKHAR'YEVSKIY, M.S.

Prospects for automatic control of vat-dyeing processes. Tekst.
prom. 17 no.6:32-38 Je '57. (MIRA 12:7)
(Dyes and dyeing) (Automatic control)

LENTOVSKAYA, V.A.

LENTOVSKAYA, V. A.

ZAKHAR'YEVSKAYA, I.D.; LENTOVSKAYA, V.A.; ZAKHAR'YEVSKIY, M.S.

Mensuring the end-point oxidation-reduction potential of vat-dye
solutions. Tekst.prom. 18 no.5:71-72 My '58. (MIRA 11:5)
(Dyes and dyeing) (Oxidation-reduction reaction)

LENTOVSKAYA, V. A.

5(4)

AUTHORS:

Zakhar'yevskiy, M. S., Musorok, Ye. G., Yakubov, Kh. M.,
Lentovskaya, V. A.

SOV/54-59-1-12/25

TITLE:

Oxidation Potential in Solutions of Indigo Dyes (Okislitel'nyy
potentsial v rastverakh kubovykh krasiteley)

PERIODICAL:

Vestnik Leningradskogo universiteta. Seriya fiziki i khimii,
1959, Nr 1, pp 94-97 (USSR)

ABSTRACT:

The oxidation potential in a redox system may be determined by

the following equation: $\varphi = \varphi_0 + \frac{RT}{nF} \ln \frac{a_{Ox}}{a_{Red}} + \alpha \ln a_{H^+}$ (2).

This equation reflects the dependence of the oxidation potential φ (φ_0 = regular oxidation potential) on the activity of the oxidation form (a_{Ox}), and the reduction form (a_{Red}). F = Faraday number and α a coefficient, which takes multiples of the value $1/2 \cdot (RT/F)$ in dependence on the proteolytic equilibrium in the system. On assuming the activity coefficient to be equal to one and with a constant pH, in addition to introducing into equation (2) the numerically computed coefficients, the expressions for

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Oxidation Potential in Solutions of Indigo Dyes

SOV/54-59-1-12/25

the oxidation potentials assume the following form:

$$\varphi = \varphi_0 + 0.0001 T \lg \frac{C_{Ox}}{C_{Red}} \quad (3); \quad \varphi = \varphi_0 + 0.0001 T \lg \frac{A}{C_{Red}} \quad (4).$$

Equation (3) holds for the case of a variable activity of the oxidation form and equation (4) holds for a constant activity. The present paper deals with the investigation of the applicability of equations (3) and (4) upon indigo dye solutions. In this connection, the authors investigated the dependence of the oxidation potential on the ratio of the oxidation- and reduction form concentrations in the indigo dye solutions: indigo red "kkh", indigo gold-yellow "zhkh", indigo light green "zh", and indigo blue "o". In the indigo dye solutions, in which the oxidation form is colloidal, a linear dependence of the oxidation potential on $\lg \frac{C_{Ox}}{C_{Red}}$ was found; the inclination angle of

the straight lines obtained, however, is somewhat smaller than the one obtained by theoretical calculation. There are 2 figures and 12 references, 3 of which are Soviet.

Card 2/3

ZAKHAR'YEVSKIY, M.S.; MUSOROK, Ye.G.; YAKUBOV, Kh.M.; LENTOVSKAYA, V.A.

Oxidation potential in vat dye solutions. Vest.LGU 14 no.4:
94-97 '59. (MIRA 12:5)

(Dyes and dyeing) (Oxidation, Electrolytic)

. LENTRATOV, M.F.; MOISEYEVA, O.F.

Electric conductivity of fused salt solutions. Part 1: The
system PbCl_2 - KCl . Zhur. fiz. khim. 34 no.2:367-374 F '60.
(MIRA 14:7)

1. Elektrotekhnicheskiy institut im. V.I.Ul'yanova (Lenina),
Leningrad.

(Lead chloride) (Potassium chloride)

LENTS, M.N.; LENTS, E.K.; MRAV'YAN, I.A.

Experimental study of transplacental transmission of tetanus anti-
toxin. Zhur. mikrobiol., epid. i immun. 41 no.11:36-39 '65.
(MIRA 18:5)

1. Tashkentskiy institut vaktsin i syvorotok.

LENTS, M.N.

Immunization of horses with not completely sterilized tetanus toxine.
Zhur.mikrobiol.epid.i immun. no.7:102 J1 '54. (MLRA 7:9)

1. Iz Tashkentskogo instituta vaktsin i syvorotok.
(TETANUS--PREVENTIVE INOCULATION)

Abstract U-7920, 8 Mar 56

LENTS, M. N.

Cand Biol Sci - (diss) "Experience in the development of effective methods of producing anti-tetanic serum." Moscow, 1961.
16 pp; (Academy of Medical Sciences, Inst of Epidemiology and Microbiology imeni N. F. Gamaley); 300 copies; price not given; (KL, 7-61 sup, 227)

LENTS, M.N.; LEPTS, E.K.; MRAV'YAN, I.A.

Experimental study of transplacental transmission of tetanus anti-toxin. Zhur. mikrobiol., epid. i immun. 41 no.11:36-39 '65.
(MIRA 18:5)

1. Tashkentskiy institut vaktsin i syvorotok.

Lents R.O.

AUTHORS: Medovar, B.I., Safonnikov, A.N., and Lents, R.O., 125-58-6-2/1: Engineers
 TITLE: Heat Resistance of Austenitic Seams, Welded Under Flux, in Argon and Carbon Dioxide (Zharoprochnost' austenitnykh shvov, svarenykh pod flyusom, v argone i uglekislom gaze)
 PERIODICAL: Avtomaticheskaya Svarka, 1958, Nr 6, pp 13-31 (USSR)
 ABSTRACT: The Institute of Electrowelding imeni Ye. O. Paton, AS UkrSSR, is investigating heat resistance of austenitic weld joints carried out by electric slag welding, electric arc welding under flux, and by gas-arc welding in argon or carbon dioxide. Information is presented on results of investigations, carried out on austenitic seams of Kh23N18 and 1Kh18N9T grade steels welded under low-silicate manganese AN-22 fluxes (17 - 20% SiO₂, 20 - 23 % Al₂O₃, 10 - 13% CaO, 12 - 15% MgO, 8 - 10% MnO, 22-26% CaF₂), under oxygenless fluorine ANF-5 fluxes (80% CaF₂, 20% NaF), in argon and carbon dioxide. Weld seams on chromo-nickel austenitic steel and chromo-nickel-titanium steel were subjected to tests. Chemical composition and microstructures of seams are given in tables and photographs. Carbide content in seams was investigated by Engineer G.P. Manzheley and N.A. Langer, Candidate of Technical Sciences. The following conclusions are given: 1) the type of welding process affects the

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125-58-6-2/14

Heat Resistance of Austenitic Seams, Welded Under Flux, in Argon and Carbon Dioxide

long-run resistance of 18-8 and 25-20 grade steels, regardless of similar initial materials (steel and electrode wire); 2) fluorine (oxygen-free) flux produces better heat-resistance of welds than low-silicon manganese fluxes; 3) in argon-arc welding of 25-20 type steel, the welds are of higher heat resistance than welds made with fluorine flux. In the case of welding 1Kh18N9T steel, the argon shielding has no advantage over flux welding; 4) the best heat resistance of welds in austenitic low-carbon steel is obtained by welding in carbon dioxide; 5) the better heat resistance of welds made in CO_2 is due to the higher carbon content of weld metal; 6) the best heat resistance of welds in CO_2 welding is obtained when the weld metal contains such elements as titanium, niobium, or molybdenum, which produce intensive carbide formation. In welding 1Kh18N9T steel with Sv-1Kh18N9T rods, a tenfold increase of long-run heat resistance was observed, as comparing to welds made under fluorine flux or in argon; 7) welding under flux can produce the same or even higher heat resistance than welding in CO_2 , when there is a cor-

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Heat Resistance of Austenitic Seams, Welded Under Flux, in Argon and Carbon Dioxide

125-58-6-2/14

responding increase of carbon content in the weld metal (up to 0.12 - 0.15% C); 8) no direct interdependence was revealed between heat resistance and the content of oxygen and non-metallic inclusions, as well as the composition, shape, and distribution of the inclusions; 9) further investigations of the effect of different factors on heat resistance are imperative. There are 12 tables, 6 figures, and 19 references, 11 of which are Soviet, 7 English, and 1 German. Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki imeni Ye.O. Patona AN UkrSSR (Order of Labor "Red Banner" Institute of Electric Welding im. Ye. O. Paton, AS UkrSSR)

ASSOCIATION:

SUBMITTED:

AVAILABLE:

Card 3/3

February 2, 1958

Library of Congress

1. Seam welds-Heat resistance

SOV/125-12-2-1/14

18(5)

AUTHOR:

Medovar, B.I., Safonnikov, A.N., and Lents, R.O.

TITLE:

Heat Resistance of Welded Joints of the Nickel-Chrome Alloy Type Kh20N80T3Yu (EI437B) (Zharoprochnost' svarnykh soyedineniy nikelokromovogo splava tipa Kh20N80T3Yu (EI437B)

PERIODICAL: Avtomaticheskaya Svarka, 1959, Vol 12, Nr 2, pp 3-19 (USSR)

ABSTRACT:

It is shown that with automatic electro-arc and electric-bar welding of the alloy EI437B, using fluoride oxygen-free flux, a high degree of heat resistance of the welded joints is achieved: $\sigma \frac{sv}{dl} > 0.85 \div 0.90 \sigma \frac{om}{dl}$ where

sv is the welded joint, om the basemetal, and dl the length; $\sigma \frac{om}{dl}$, $\sigma \frac{sv}{dl}$ are the longitudinal strength of the

basic metal and the welded joint respectively). Experimental data are quoted for the influence of the time of heating in the tempering process, and of riveting on the

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SOV/125-12-2-1/14

Heat Resistance of Welded Joints of the Nickel-Chrome Alloy Type
Kh20N80T3Yu (EI437B)

longitudinal strength of welded joints. Nickel-chrome heat-resistant alloys are widely used in the manufacture of gas turbines. It is now necessary to weld forged or rolled parts made of heat-resistant alloys 100-200 mm thick. One such alloy is nickel-chrome, type Kh20N80, data for which are given. The hardening qualities of nickel-aluminum-titanium and boron are mentioned. After the USSR developed an oxygen-free fluoride flux, the same type appeared in the USA. The article gives data on the heat-resistance of welded joints of alloy EI437B, 12-20 mm thick, carried out by arc-welding with flux, and up to 100 mm thick carried out by the electric-bar method. A section deals with the heat-resistance of welded joints in alloy EI437B made by the arc method, and is followed by examination of joints of the same alloy welded by the electric-bar method. Engineer V.A. Smirnov took part in the compilation of this section. The important conclusions are that: when welding using flux of the alloy EI437B, 10-20 mm thick and wire EI437A,

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SOV/125-12-2-1/14

Heat Resistance of Welded Joints of the Nickel-Chrome Alloy Type
Kh20N80T3Yu (EI437B)

the longitudinal strength of the welded joint is not less than 80-85% of the strength of the basic metal. Secondly electric-bar welding with a lamellated electrode of heat-resistant alloys on nickel-chrome base, using oxygen-free fluoride flux, gives a high degree of heat-resistance to the joints ($\sigma \frac{SV}{dl} = 0.9 \frac{om}{dl}$). For explanation of symbols, see above. Thirdly there is reason to think that a high degree of heat-resistance for welded joints of alloy EI437B up to 20 mm thick can be achieved even with some reduction of the length of heating during tempering. Preliminary riveting of welded joints before tempering leads to some increase in heat-resistance. There are 11 tables, 2 graphs, 7 drawings and 17 references, 10 of which are Soviet and 7 English.

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SOV/125-12-2-1/14
Heat Resistance of Welded Joints of the Nickel-Chrome Alloy Type
Kh20N80T3Yu (EI437B)

ASSOCIATION: Ordena trudovogo krasnogo znameni institut elektrosvarki
imeni Ye.O.Patona **AN** USSR (Order of the Red Banner of
Labor Institute of Electric Welding imeni Ye.O.Paton of
the AS UkrSSR)

SUBMITTED: November 30, 1958

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S/125/61/000/011/003/012
D040/D113

AUTHORS: Kakhovskiy, N.I., Ponizovtsev, A.M., Vasil'yev, V.G., and
Lents, R.O.

TITLE: Welding of combination joints of 15Kh11MFB steel with 15Kh1M1F
and 20 KhMF steels in CO₂

PERIODICAL: Avtomaticheskaya svarka¹⁴, no. 11, 1961, 20-26

TEXT: Results are given of experiments, conducted to work out recommendations
for the welding in CO₂ of the new heat-resistant 15X11MΦ₅ (15Kh11MFB)
steel, proposed by the Leningradskiy metallicheskiy zavod (Leningrad Metal
Plant). Data is given on the welding of combined joints of this steel with
pearlitic steels used for steam turbines - 15X1M1Φ (15Kh1M1F) and 20XMΦ
(20KhMF). Their composition is as follows: ✓

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Welding of combination joints ...

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Table 1.

Chemical composition in %

	<u>C</u>	<u>Mn</u>	<u>Si</u>	<u>Cr</u>
15Kh11MFB	0.12-0.19	0.5-1.0	≤ 0.5	10-11.5
15Kh1M1F	0.14-0.20	0.4-0.7	0.17-0.37	1.2-1.7
20KhMF	0.18-0.25	0.4-0.7	0.15-0.37	0.9-1.2
	<u>Ni</u>	<u>Mo</u>	<u>V</u>	<u>Nb</u>
15Kh11MFB	0.6-1.0	0.6-0.8	0.20-0.35	0.10-0.25
15Kh1M1F	-	0.9-1.2	0.25-0.35	-
20KhMF	-	0.5-0.7	0.20-0.30	-

Satisfactory welds were obtained in butt joints with U-shaped edges in 60-70 mm thick steel plates using 320-350 amp, 28-30 v, 20 m/hr speed and 16-17 l/min CO₂, preheating to 350°C and cooling in air after welding, fol-

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D040/D113

Welding of combination joints ...

lowed by 10 hours tempering at 720°C with cooling in furnace to 200-250°C and finally in the open air. Somewhat higher hardness in the fusion zone compared to the weld and base metal was due to higher content of carbides, but the mechanical strength of the joints was satisfactory. Semiautomatic annular butt welding in pipes with 30-40 mm walls was carried out in the horizontal position with pipe edges shaped into an unsymmetric U; the weld root was welded with 1.0 mm wire, d.c. of 180-200 amp, 20-22 v, and the beads with 1.6 mm wire, 230-250 amp, 26-28 v. Two different semiautomatic welders were used for wire of different diameter and into the welding circuit was connected an PCT9-24 (RSTE-24) choke, which reduced spatter and stabilized the arc. ~~Ca -08X2GSMF~~ (Sv-08KhGSMF) and ~~Ca -08X2GSMF~~ (Sv-08Kh2GSMF) welding wires can be used for the pearlitic steel. Data on wires of this type is to be found in other Soviet publications (Ref. 1: B.S. Kasatkin, Yu.N. Vakhnin, "Avtomaticheskaya svarka", no. 3, 1958; Ref. 2: B.S. Kasatkin, Yu.N. Vakhnin, "Avtomaticheskaya svarka", no. 11, 1959). The following conclusions were drawn: (1) Sv-08KhGSMF and Sv-08Kh2GSMF wire may be employed; (2) Semiautomatic CO₂ welding of annular joints must be

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Welding of combination joints ...

S/125/61/000/011/003/012
D040/D113

carried out in horizontal position. Thinner wire must be used for the root of the joint, and 1.6 mm wire may be used for the remaining layers of the weld to speed up the process. The use of inductive resistance in the welding circuit is advisable. There are 7 figures, 6 tables and 2 Soviet references.

ASSOCIATION: Ordena Trudovogo Krasnogo Znameni Institut elektrosvariki im. Ye.O.Patona AN USSR (Electric Welding Institute "Order of the Red Banner of Labor" im. Ye.O.Paton of the AS UkrSSR)

SUBMITTED: May 9, 1961

Card 4/4

LENTS, Ye. Kh., KRAVETS, T. P., BERG, L. S. and BAUMGART, K. K.

"Selected Works", of Ye. Lents, edited and annotated by T. P. Kravets.
Articles by K. K. Baumgart, L. S. Berg and T. P. Kravets. Izd-vo Akademii Nauk SSSR,
521 pp, 1950.

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Zdravcokhraneniye Sov. Latvii, 1948, Symposium 2, p. 57-70 - In
Latvian language - Resume in Russian

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949)

LENTSBERG, K. Ya.

LENTSBERG, K. Ya.--"Comparative Evaluation of Methods of Treating Acute Hematogenic Osteomyelitis in Children." Min Health Latvian SSR.
Riga Medical Inst. Riga, 1956.
(Dissertation for the Degree of Candidate in Medical Sciences).

SO: Knizhnaya Letopis' No 9, 1956

BIEZIN', A.P. [Biezins, A.], prof.; LISHNEVSKIY, S.M., prof.;
PETUKHOVA, L.I., doktor med.nauk; LENTSBERG, K.Ya. [Lenobergs, K.],
dotsent; SEGLIN', T.Ya. [Seglins, T.]; SKUDRA, A.Ya.;
LIYEPIN', Kh. [Liepins, H.]

Posture disorders and scoliosis in children. Ortop., travm.
i protez. 26 no.12:74-76 D '65.

(MIRA 19:1)

1. Iz Rihzskogo instituta travmatologii i ortopedii. Adres avtorov:
Riga 5, ul. Duntas, d.16/22, Institut travmatologii i ortopedii.
Submitted July 30, 1965.

LENTSIUS, E.

Preservation, storage and transportation of pituitaries in Thermos
bottles with dry ice. Mias.ind.SSSR 32 no.6:28 '61.
(MIRA 15:2)

1. Tartuskiy myasokombinat.
(Pituitary body--Preservation)

L 45165-66 EWT(d)/FSS-2/EWT(1)

SOURCE CODE: UR/0057/66/036/008/1514/1515

62
61
B

ACC NR: AP6028529

AUTHOR: Lentsman, V.L.; Matveyeva, A.G.; Tsukkerman, I.I.

ORG: none

TITLE: Spatial filtering of electron images during accumulation on the screen

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 8, 1966, 1514-1515

TOPIC TAGS: electron optics, image converter, image contrast, electrooptic image intensifier

ABSTRACT: The authors have experimentally verified the possibility of increasing the contrast of an electron image by a technique proposed elsewhere by one of them (I.I. Tsukkerman. Geometricheskiye preobrazovaniya i prostranstvennaya fil'tratsiya elektronnykh izobrazheniy. Avtoreferat dissertatsii. LFTI AN SSSR, L., 1964). The technique consists in suppressing the long wavelength spatial Fourier components of the image by first accumulating on the screen a negative image that is out of focus, and subsequently accumulating a well focused positive image. The experiments were performed with the superopticon television tube shown in section in the figure. Electrons from the photocathode 1 were accelerated by electrodes 2 and 3 and were focused by the magnetic field of the winding 6 onto the screen 5. With the aid of grid 4 near the screen and a grid on electrode 3 (both grids are shown in the figure by dashed lines) it was possible to vary the energy of the electrons incident on the

537.533.3

Ca

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LENTONER, A. A.

"Significance of the Streptomycin resistance of Mycobacterium
Tuberculosis in the Treatment of Tuberculosis With Streptomycin."
Cand Med Sci, Tartu State U, Tartu, 1953. (AZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

LENTSNER, A.A., kandidat meditsinskikh nauk

Role of the host in the development of streptomycin resistance
in Mycobacterium tuberculosis. Probl. tub. no.4:55-59 J1-Ag '54.
(MLRA 7:11)

1. Iz kafedry infektsionnykh bolezney i mikrobiologii (zav. prof.
F.Lepp) Tartuskogo gosudarstvennogo universiteta (nauchnyy ruko-
voditel' dotsent S.Iaanes)

(TUBERCULOSIS, therapy,

streptomycin, resist., role of host's organism)

(STREPTOMYCIN, therapeutic use,

tuberc., resist., role of host's organism)

LENTSNER, A.A.

Harmful effects of streptomycin-resistant and streptomycin sensitive strains of Mycobacterium tuberculosis on phagocytosis. Zhur.mikrobiol. epid. i immun. no.11:95 N '55.
(MLRA 9:1)

1. Iz kafedry infektsionnykh bolezney i mikrobiologii
(zav.-prof. F. Lenn) Tartuskogo gosudarstvennogo universiteta.
(PHAGOCYTOSIS,
eff. of streptomycin resist. & sensitive M. tuberc.)
(MYCOBACTERIUM TUBERCULOSIS, effects of drugs on,
streptomycin, eff. of resist. & sensitive strains
on phagocytosis)
(STREPTOMYCIN, effects,
on M. tuberc. eff. of resist. & sensitive strains on
phagocytosis)

LENTSNER, H.H.

MARDER, B.B., podpolkovnik med. sluzhby; LENTSNER, A.A., kapitan med. sluzhby,
kand. med. nauk; TITOVA-MARDER, V.L., kand.med.nauk

Bacterioscopy as a method for determining bacteria in the air and water.
Voen.med.zhur. no.9:51-54 S '57. (MIRA 11:3)

(WATER, microbiology,
bacterioscopy (Rus)
(AIR, microbiology,
same)

LENTSNER, A.A.; MARDER, B.B.; UTKIN, Yu.P.

Problem of the possibility of transformation of para-agglutinating
strains from river water into typical intestinal pathogens. Zhur.
mikrobiol.epid.i immun. 30 no.7:68-71 J1 '59. (MIRA 12:11)
(BACTERIA)
(WATER - microbiology)

LENTSNER, A.A.

Tablet method of determining the biochemical activity of microbes.
Lab. delo 7 no.10:38-40 0 '61. (MIRA 14:10)

1. Kafedra mikrobiologii i infektsionnykh bolezney Tartuskogo
universiteta.
(MICROBIOLOGICAL RESEARCH—EQUIPMENT AND SUPPLIES)

LENTSNER, A.A.; LIVSHITS, I.A.; SPIVAK, Ye.A.; SHOKHOVA, O.M. (g.Tartu)

Change in sensitivity to antibiotics of Newcastle dysentery
bacillus in the human body before the beginning of treatment.
Antibiotiki 7 no.7:643-646 J1'62. (MIRA 16:10)
(ANTIBIOTICS) (DYSENTERY)

LENTSNER, A.; YURGENSON, M. [Järgenson, M.]

Accelerated methods of determining gelatinase. Lab. delo 8
no.10:37-39 '62. (MIRA 17:4)

1. Kafedra mikrobiologii, infektsionnykh bolezney i dermatologii
Tartuskogo gosudarstvennogo universiteta.

LENTSNER, A.A.

Technique of isolating Döderlein's bacillus. Lab. delo no.1:32-35
'64. (MIRA 17:4)

1. Kafedra mikrobiologii Tartuskogo gosudarstvennogo universiteta.

*

LENTSNER, A.; TQOM, M.

Nutrient medium for lactobacilli culture. Lab. delo no.10:
616-619 '64. (MIRA 17:12)

1. Kafedra mikrobiologii Tartuskogo gosudarstvennogo universiteta.

LENTSNER, A.A.; TOOM, M.A.; MIKEL'SAAR, M.F.

Methodology of isolating lactobacilli from feces. Zhur. mikrobiol.,
epid. i immun. 41 no.9:146-147 S '64. (MIRA 18:4)

1. Tartuskiy gosudarstvennyy universitet.

L 8167-66 EEC(h)/EPF(n)-2/EWA(h)/EWT(1) AT/WW
 ACC NR: AP5025686 SOURCE CODE: UR/0286/65/000/018/0036/0037

AUTHORS: ^{44, 55} Knots, L. L.; ^{44, 55} Lentsner, B. I.; ^{44, 55} Alekseyev, V. N.

ORG: none

TITLE: Single trapezoidal pulse generator. Class 21, No. 174664 [announced by
Institute of Electrochemistry, AN SSSR (Institut elektrokhemii AN SSSR)]

SOURCE: ^{44, 55} Byulleten' izobreteniy i tovarnykh znakov, no. 18, 1965, 36-37

TOPIC TAGS: ^{21, 44, 55} pulse generator, pulse shaper

ABSTRACT: This Author Certificate presents a single trapezoidal pulse generator containing a device with two stable states with independent regulation of the positive and negative levels of the output voltage, a nonlinear integrator with independent regulation of the integration limits, a differentiating amplifier, a passive RC circuit, and a time delay unit (see Fig. 1). To insure the mutually independent regulation of the trapezoidal pulse parameters, the integrator is connected in series with the device with two stable states. The differentiating amplifier, the passive RC circuit, a trigger, and the regulated time delay unit, which are all connected in series, are connected between the integrator output and

Card 1/2

UDC: 621.373.43
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ACC NR: AP5025686

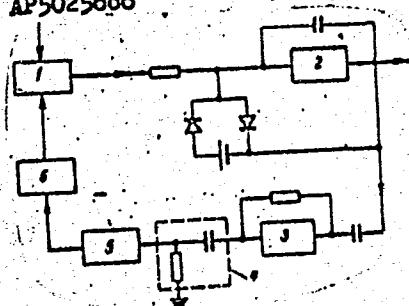


Fig. 1. 1- device with two stable states; 2- nonlinear integrator; 3- differentiating amplifier; 4- passive RC circuit; 5- trigger; 6- regulated time delay unit

the bistable device input. Orig. art. has: 1 diagram.

SUB CODE: EC/

SUBM DATE: 07Mar63

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Card 2/2

ALEKSEYEV, V.N.; ZHUTAYEVA, G.V.; KNOTS, L.L.; LENTSNER, B.I.; TARASEVICH,
M.P.; SHUMILOVA, N.A.

Method of trapezoidal voltage pulses. Elektrokhiimiya 1
no.3:373-376 Mr '65. (MIRA 18:12)

1. Institut elektrokhiimi AN SSSR.

RAPOPORT, B.M. [deceased]; KHEYFETS, Ye.M.; LENTSNER, E.S.; CHERNYAK,
S.M.; RAPPORT, I.B.

Separating oxygen-containing compounds from their mixtures
with hydrocarbons. Trudy VNII NP no. 9:197-213 '63.
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ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION		STONY BOWING	
WATER-ALL INDEX		STONY BOWING	

LENTYAKOV
BABAYEV, N.N., doktor tekhnicheskikh nauk; LENTYAKOV, V.G., kandidat tekhnicheskikh nauk.

Effect of cavitation on the magnitude of periodic pressure applied
to ship hulls by a revolving propeller. Sudostroyeniye 23 no.5:26-30
My '57. (Cavitation) (Propellers) (MIRA 10:6)

BABAYEV, Nikolay Nikolayevich; LENTYAKOV, Vasily Georgiyevich;
KURDYUMOV, A.A., prof., retsenzent; NOVOZHILOV, V.V., retsenzent;
KRISHEN, V.F., nauchnyy red.; KLIORINA, T.A., red.; ERASTOVA, N.V.,
tekhn. red.

[General vibration of ships] Nekotorye voprosy obshchei vibratsii
sudov. Leningrad, Gos.soiuznoe izd-vo sudostroitel'noy promyshl., 1961.
307 p. (MIRA 15:1)

1. Chlen-korrespondent AN SSSR (for Novozhilov).
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LENT'YEV, L.

Engels and economics. Vop. ekon. no.12:3-17 D '60. (MIRA 13:12)

1. Chlen-korrespondent AN SSSR.
(Engels, Friedrich, 1820-1895)

LENT'YEV, O.M.

Structure of the human auditory function. Nauk. zap. nauk.-desl. inst.
psykhol. 11:13-21 '59. (MIRA 13:11)

1. Gosudarstvennyy universitet im. M.V.Lomonosova, Moskva.
(Hearing)

LENYO, LASZLO
HUNGARY/Chemical Technology - Chemical Products and Their
Application. Photographic Materials.

H-20

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 58583
Author : Lenyo Laszlo
Inst : -
Title : Development of the Hungarian Photochemical Industry.
Orig Pub : Kep-es hangtechn., 1957, 3, No 5-6, 119-121
Abstract : No abstract.

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LENYUSHKIN, A.I.

Streptomycin and penicillin in suppurative diseases of the abdominal cavity in children. Khirurgiia 33 no.3:95-97 Mr '57. (MLRA 10:6)

1. Iz kafedry khirurgii detskogo vozrasta (zav. - Prof. S.D.Ternovskiy)
II Moskovskogo meditsinskogo instituta imeni I.V.Stalina.

(ABDOMEN, dis.

suppurative, ther., penicillin & streptomycin in child
(Rus))

(PENICILLIN, ther. use

suppurative abdom. dis. in child (Rus))

(STREPTOMYCIN, ther. use

same)

LENYUSHKIN, A.I.

Complications during therapy of femoral fractures in children.
Sov.med. 23 no.4:101-103 Ap '59. (MIRA 12:6)

1. Iz kafedry khirurgii detskogo vozrasta (zav. - chlen-
korrespondent AMN SSSR prof. S.D.Ternovskiy) II Moskovskogo
meditsinskogo instituta imeni N.I.Pirogova.

(HIP, fract.

in child., compl. in ther. (Rus))

LENYUSHKIN, A.I.

Method for treating the appendicial stump in appendectomy in
children. Khirurgia 36 no.2:75-81 F '60. (MIRA 13:12)
(APPENDECTOMY)

LENYUSHKIN, A. I., CAND MED SCI, "METHODS OF TREATING THE
STUMP OF THE VERMIFORM ~~PROCESS~~ ^{APPENDIX} IN ~~AN~~ APPENDECTOMY ON CHILDREN."
MOSCOW, 1961. (SECOND MOSCOW STATE MED INST IMENI N. I. PIRO-
GOV). (KL-DV, 11-61, 229).

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LENYUSHKIN, A.I.

Bite wounds in children. Sov. med. 26 no.11:80-84 N'62
(MIRA 17:3)

1. Iz Detskoy gorodskoy klinicheskoy bol'nitsy No.13 imeni
N.F. Filatova (glavnyy vrach L.A. Vorokhobov); nauchnyy rukovoditel' raboty - chlen-korrespondent AMN SSSR prof. S.D. Ternovskiy [deceased].

LENYUSHKIN, A.I., kand.med.nauk; SAFINA, L.G.

Early postoperative complications in newborn infants. Khirurgiya 39 no.4:23-31 Ap'63 (MIRA 17:2)

1. Iz kliniki detskoy khirurgii (zav. - prof. S. Ya. Doletskiy) Tsentral'nogo instituta usovershenstvovaniya vrachey na baze Detskoy klinicheskoy bol'nitsy No.2 imeni I.V.Rusakova (glavnyy vrach M.M.Kraseva).

ARENDET, A.A., prof.; ARTARYAN, A.A., kand.med.nauk; BAIROV, G.A., prof.;
VOLKOV, M.V., prof.; VARSHAVSKAYA, D.Ya., kand. med. nauk;
VOROKHOBOV, L.A.; GENERALOV, A.I., kand. med. nauk;
DANIYEL'BEK, K.V., kand. med. nauk; DERZHAVIN, V.M., kand.
med. nauk; DOLETSKIY, S.Ya., prof.; YERMOLIN, V.N.; ZATSEPIN,
S.T., kand. med. nauk; ZVYAGINTSEV, A.Ye., dots.; ISAKOV, Yu.F.,
doktor med. nauk; KOZYREV, V.A., kand. med. nauk; KONOVALOV,
A.N.; KORNYSANSKIY, G.P., prof.; KLIMANSKIY, V.A., kand.med.
nauk; KLIMKOVICH, I.G., dots.; KONDRASHIN, N.I., kand. med.
nauk; LEVINA, O.Ya., kand. med. nauk; LENYUSHKIN, A.I., kand.
doktor med. nauk; LEYBZON, N.D., doktor med. nauk; MALININA, L.I.,
nauk; NERSESYANTS, S.I., kand. med. nauk; OVCHINNIKOV, A.A.;
OGLEZNEV, K.Ya., kand. med. nauk; ROSTOTSKAYA, V.I., kand.
med. nauk; STEPANOV, E.A., kand. med. nauk; EPSHTEYN, P.V.;
OSTROVERKHOV, G.Ye., prof., glav. red.; DOMBROVSKAYA, Yu.F.,
prof., otv. red.

[Multivolume manual on pediatrics]Mnogotomnoe rukovodstvo po
pediatrii. Moskva, Meditsina. Vol.9.[Pediatric surgery] Khi-
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1. Deystvitel'nyy chlen AMN SSSR (for Dombrovskaya). 2. Chlen-
korrespondent AMN SSSR (for Bairov, Volkov).

LENYUSHKIN, A.I.

Healing of the stump of the vermiform process following experimental
appendectomy by various methods. Eksper. khir. i anest. 9 no.1:53-54
(MIRA 17:12)
Ja-F '64.

1. Detskaya gorodskaya klinicheskaya bol'nitsa No.13 imeni Filatova
(glavnyy vrach L.A.Vorokhobov). Nauchnyy rukovoditel' - chlen-korres-
pondent AMN SSSR S.D.Ternovskiy [deceased].

LENYUSHKIN, A.I., kand. med. nauk; SAFINA, L.G.; BILAS, L.M.

Adrenal hemorrhage in newborn infants. Vest. khir. 93 no.8:88-90
Ag '64. (MIRA 18:7)

1. Iz kafedry detskoy khirurgii (zav. - prof. S.Ya. Doletskiy)
i kafedry pediatrii (zav. - prof. R.L.Gamburg) Tsentral'nogo
instituta usovershenstvovaniya vrachey.

DOLETSKIY, Stanislav Yakovlevich, prof.; LENYUSHKIN, Aleksey
Ivanovich, kand. med. nauk; AFANAS'YEVA, V.M., kand.
med. nauk; GOLOSOVA, T.V., kand. med. nauk; YERMOLIN,
V.N.; KALAMKARYAN, A.A., kand. med. nauk; KRUCHININA,
I.L., kand. med. nauk; NOVIKOVA, Ye.Ch., kand. med. nauk;
YEGOROVA, A.M.; OSTROMOUKHOVA, G.A.; PONIZOVSKAYA, B.M.;
FRIDMAN, R.A., red.

[Pyoinflammatory diseases in newborn infants] Gnoino-
voopalitel'nye zabolevaniia novorozhdennykh. Moskva,
Meditcina, 1965. 282 p. (MIRA 18:8)

On Axioms of Numbers 10

✓ Lenz, Manfred. Zur Axiomatik der Zahlen. Acta Math. Acad. Sci. Hungar. 9 (1958), 33-44.

Der Verfasser schwächt die Peanoschen Axiome der natürlichen Zahlen folgendermassen ab. Definition: Ein Zahlensystem ist eine Menge S mit einer Abbildung π in sich von den folgenden Eigenschaften. (I) π ist umkehrbar, d.h. aus $x^\pi = y^\pi$ folgt $x = y$. (Das Bild des Elements x bzw. der Menge X ist hier mit x^π bzw. X^π bezeichnet.) (II) Es gibt ein Element $0 \in S$, so dass aus $0 \in U \subseteq S$ und $U^\pi = U \cup S^\pi$ stets $U = S$ folgt (Induktionsaxiom).

Dem Induktionsaxiom allein genügen Systeme verschiedener Arten. Der Verfasser beweist, dass, bis auf eine Isomorphie, allein die drei ersten dieser Systeme, nämlich die natürlichen Zahlen, die ganzen Zahlen und die zyklischen Gruppen, den Axiomen (I) und (II) genügen.

Ausgehend davon lässt sich die Addition und Multiplikation in diesen drei Bereichen in natürlicher Weise gemeinsam einführen. Diese Einführung dürfte dem Standpunkt der neueren Algebra "am besten gerecht werden."

B. Germansky (Berlin)

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LENZ, Imrich, inz.

New conception of telecommunication transmission and equipment
in power engineering. Slaboproudý obzor 24 no.5:295-297 My '63.

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TALLMEISTER, Eugen; LAANES, Selma; LENZNER, Akivo; JAAKMEES,
Helga; PÄRN, A., red.

[Laboratory work in medical microbiology] Laboratoorsed
tööd meditsiinilises mikrobioloogias] [By] E.Tallmeister
ja teised. Tallinn, Eesti Riiklik Kirjastus, 1964. 302 p.
[In Estonian] (MIRA 17:6)

LEO, Włodzimierz; SAPER, Jerzy

Technique and results of the radiological examination of lumbosacral nerve roots of the spinal cord with the use of water-soluble contrast media (radiculography). Reumatologia (Warsz.) 1 no.3-4:161-168 '63.

1. Z Zakładu Radiologii Instytutu Radiologicznego w Warszawie (Kierownik: doc. dr med. J. Zabokrzycki) i z Pododdziału Neurologicznego Instytutu Reumatologicznego (Kierownik: dr med. J. Saper Dyrektor Instytutu Reumatologicznego: dr med. W. Bruhl).

SAPER, Jerzy; LEO, Włodzimierz

Cases of compressive lesions of the spinal cord and their
significance in clinical rheumatology. Reumatologia (Warsz.)
1 no.3-4:281-290 '63.

1. Z Pododdziału Neurologicznego Instytutu Reumatologicznego
(Kierownik: dr med. J. Saper) i Z Zakładu Radiologii Instytutu
Reumatologicznego (Kierownik: doc. med. J. Zabokrzycki;
Dyrektor Instytutu Reumatologicznego: dr med. W. Bruhl).

KOZINA, Wladyslaw; SAPER, Jerzy; LEO, Wlodzimierz

Neurological disorders and radiological diagnosis of developmental abnormalities of the cervical spine. Reumatologia (Warsz.) 3 no.2: 135-145 '65.

1. Z Pododdzialu Neurologicznego Instytutu Reumatologicznego (Kierownik: dr. med. J. Saper) i z Zakladu Radiologii Instytutu Reumatologicznego (Kierownik: doc. dr. med. J. Zabokrzycki; Dyrektor Instytutu: dr. med. W. Brühl).

LEOLA, MINA

- (27)
- (160)
1. "Occupational Cancer of the Integuments Caused by Tar, Bitumen and its Derivatives," Prof P. KNU; pp 1-11.
 2. "Pollution of the Atmosphere in the Vicinity of an Electrical Thermopower Station," M. ZAPRESCU, SI. ZYNOA-SILVIAN, Dr. V. SEREA, Dr. T. SAVARU, I. BRUCU, R. MIDIU and St. NICOLAESCU; pp 1-17.
 3. "Notes on the Supply of Drinking Water in Rural Areas by Means of Small Central Supply Units (Microcentral Units)," Dr. I. STOPPER and Dr. Emilie GRAMATRO; pp 19-25.
 4. "Experimental Investigations on the Toxicity of Certain Chemical Substances Used in the Manufacture of Organic (Plastics)," Dr. Silvia GABOR, Dr. C. RUCNER, Otilia EDICT and Rodica GELIU. Work performed at the Institute of Hygiene and Public Health (Institute of the Institute of Hygiene and Public Health (Institute of Hygiene and Public Health, Bucharest); pp 21-39.
 5. "Investigations Concerning Influences of Ionizing Radiations on the Nutritive Value of Proteins and Lipids in Canned Pork," Dr. A. STON, Dr. H. ROYVENU, Dr. Lucina OPESCU-SILVIAN, Dr. C. GELIU, Dr. C. GELIU, Dr. Institute of Hygiene and Public Health (Institute of Hygiene and Public Health, Bucharest); pp 21-39.
 6. "New Aspects Regarding the Use of Clostridium welchii Bacterium as Sentinyl Indicator for Food Products," Dr. Corneliu IERVIA; pp 41-48.
 7. "The Use of Plant Tests in Food Toxicology," Elena ZYNOA-SILVIAN, Dr. A. STON and Silvia GELIU, Institute of Hygiene and Public Health (Institute of Hygiene and Public Health, Bucharest); pp 49-53.
 8. "A Few Observations on 'Auto Collimetry,'" Dr. H. ZARNA and Dr. Radu-Mihail DUMEN; pp 55-60.
 9. "Radioactive Pollution of Natural Water Resources," Dr. Ch. ZAPRESCU; pp 61-65.

LEOCA-RADU, Mina, chimist; SEIANU, E., dr.

Changes in urinary sulfoconjugators and in urobilinogen in workers
in a synthetic dye factory. Med. intern. 15 no.2:221-224 F '63.

1. Lucrare executata la Institutul de igiena, Cluj, Sectia de igiena
a muncii.

(UROBILINOGEN) (SULFATES) (OCCUPATIONAL DISEASES)
(ANILINE COMPOUNDS)

LEOKENE, Lidiya Vasil'yevna; GOKHNER, L.M., red.; MINKINA, L.N.,
red.

[Spring and winter vetch] Iarovaia i ozimaia vika. Le-
ningrad, Kolos, 1964. 85 p. (MIRA 17:12)

L 56488-65

ACCESSION NR: AP5017807

UR/0286/65/000/011/0040/0040
681.142. 621.374

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AUTHOR: Leokene, V. A.; Leokene, L. V.

TITLE: A method for suppressing interference due to deviation of the hysteresis loop in magnetic cores from rectangular. Class 21, No. 171437

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 11, 1965, 40

TOPIC TAGS: shift register, pulse storage, interference control

ABSTRACT: This Author's Certificate introduces a method for suppressing interference due to deviation of the hysteresis loop from rectangular in the magnetic cores in full wave shift registers which use ferro-diode components. The method is based on multiple interference compensation. The interference in coupling circuits is suppressed by feeding pulses in phase-opposition to the interference pulses along two busses which connect the windings of the even and odd series of cores.

ASSOCIATION: none

Card 1/3

L 56488-65

ACCESSION NR: AP5017807

SUBMITTED: 27Oct57

ENCL: 01

SUB CODE: EC, DP

NO REF SOV: 000

OTHER: 000

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L 56488-65

ACCESSION NR: AP5017807

ENCLOSURE: 01

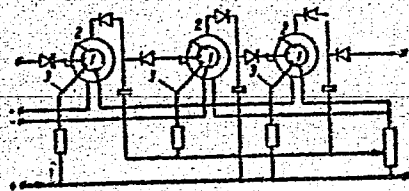


Fig. 1--cores; 2--transmitting section of the winding; 3--recording section of the winding

9th
Card 3/3

L 156188-65

ACCESSION NR: AP5017807

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681.142. 621.374

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ASSOCIATION: none

Card 1/3

L 56488-65

ACCESSION NR: AP5017807

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ENCL: 01

OTHER: 000

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L 56438-55

ACCESSION NR: AP5017807

ENCLOSURE: 01

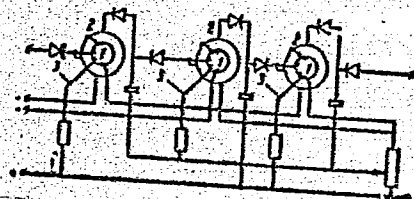


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9th
Card 3/3

FRANCHE, M., prof.; BRAUNER, E., dr.; RUGINA, V., dr.; POPOVICI, S., chimista;
LEON, A., interna

Corticotherapy of epidemic hepatitis in diabetics..Med. int.,
Bucur., 12 no.1:55-61 Ja '60.
(HEPATITIS INFECTIOUS, therapy)
(DIABETES MELLITUS, complications)
(ADRENAL CORTEX HORMONES, therapy)

SAPOSNIC, A.; LEON, Ionescu

The therapeutic effect of parenteral administration of Olanesti water on some allergic skin diseases. Med. int., Bucur. 7 no.4: 149-150 Oct-Dec 55.

1. Institutul de Endocrinolog. Prof. C. I. Parhon.
(SKIN DISEASES, therapy
Olanesti spring water, in allergic disord.)
(MINERAL WATER, ther. use
Olanesti spring water in allergic skin dis.)

S/194/62/000/004/024/105
D222/D309

4.3230
AUTHORS:

Vazaca, Christofor and Leon, Mihai

TITLE:

Synthesis of active compensating circuits

PERIODICAL:

Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 4, 1962, abstract 4-2-71ts (Probl. automat.,
1960, no. 3, 169-183)

TEXT: The purpose of this paper is to show the advantages of using active compensating circuits and to give a method of their synthesis. The most frequently used series-compensation is examined briefly; with some additions the results can be extended also to parallel compensation. Active circuits with zero and variable polarities are considered. The four most useful circuits for four-terminal networks are given. By analyzing these circuits the changes in the characteristics of the four-terminal networks due to the replacement of parallel RC circuits by thermionic valves, are indicated. From the graphs given, the advantages of active compensating circuits are obvious. A separate graph shows the roots of a compensa-

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